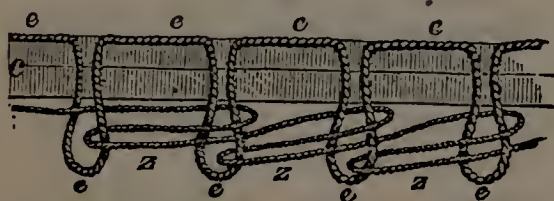


In Fig. 10, we have given, as nearly as we could, the form of the stitch made by the Grover & Baker machine, where the threads are purposely left loose, so that the courses of each one can be traced.

Fig. 10.



Suppose we begin at the left hand, and bend down the upper thread through the cloth, to make a loop, *e*. Next bend a loop of *z* through the upright loop, and carry this last horizontally loop forward, so that the second loop through the cloth can be brought down through it. Then hold the second loop of the upper thread open until the second loop of the lower thread is thrust through it, and carried forward, to be entered by the third loop of the upper thread. Continuing this operation gives the arrangement in Fig. 10.

Fig. 11 shows these stitches left loosely, as they appear when looking upon the *under* surface of the cloth. The loop or horseshoe, terminates abruptly upon the left of

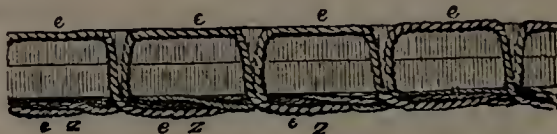
each. At this point the two ends pierce the cloth, as seen in Fig. 10, above.

Fig. 11.



In the next illustration, (Fig. 12), we have the appearance of the cloth after being sewed, with the stitches drawn up by the machine in actual work. The cuts, of course, show the stitches magnified. When they are made short and the threads are properly tightened, we see a small continuous cord running along the under side of the cloth.

Fig. 12.



It will be observed, then, that of the two machines described, one makes the stitches on both sides of the cloth alike, the other gives a continuous stitch on the upper side with a cord upon the under side. The Grover & Baker stitch can be unraveled, with a little care in getting hold of the two threads used. We do not see how the Wheeler & Wilson stitch can be unraveled at all.

Below we show the stitch that has a cord or chain on one side. It will be perceived it is easily unraveled.



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